

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11	(neighbor\$\$cast\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/04/07 10:30
S2	33	(neighbor\$3 adj2 cast\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/04/07 10:50
S3	36	(neighbor\$3 adj2 cast\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 11:18
S4	21	((("7079010") or ("5163151") or ("7091846") or ("6972676") or ("6831555") or ("6717513") or ("6523013") or ("6412026") or ("5673190") or ("5485142") or ("7065576") or ("7080267") or ("7142839") or ("20060037022") or ("20050193099") or ("20060200494") or ("20060087409") or ("20060087408") or ("20050015501") or ("20040186693") or ("20060200307"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/07 11:22
S5	4	S4 and join\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/07 11:24
S6	92	(discover\$3 near4 neighbor\$3) and ((form\$3 or join\$3) near4 group\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 11:27
S7	65	(discover\$3 near4 neighbor\$3) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 11:27
S8	0	(discover\$3 near4 neighbor\$3 near4 domain) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 11:28
S9	32	(discover\$3 near4 neighbor\$3) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and domain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 11:28

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S10	36	(quer\$4 near4 neighbor\$3) and ((form\$3 or join\$3) near4 group\$3) and (@ad< "20040227" or @rlad< "20040227") and domain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:03
S11	60	(quer\$4 near4 domain) and ((form\$3 or join\$3) near4 group\$3) and (@ad< "20040227" or @rlad< "20040227") and neighbor\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:09
S12	0	(quer\$4 near4 domain) and ((form\$3 or join\$3) near4 group\$3) and (@ad< "20040227" or @rlad< "20040227") and neighbor\$3.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:10
S13	1	(quer\$4 near4 domain) and ((form\$3 or join\$3) near4 group\$3) and (@ad< "20040227" or @rlad< "20040227") and neighbor\$3.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:10
S14	18	(quer\$4 near4 domain) and ((form\$3 or join\$3) near4 group\$3) and (@ad< "20040227" or @rlad< "20040227") and neighbor\$3 and latency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:11
S15	11	(discover\$3 near4 neighbor\$3) and ((form\$3 or join\$3) near4 group\$3) and (@ad< "20040227" or @rlad< "20040227") and latency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:13
S16	598	(discover\$3) and ((form\$3 or join\$3) near4 group\$3) and (@ad< "20040227" or @rlad< "20040227") and latency and domain and neighbor\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:17
S17	1	(discover\$3) and ((form\$3 or join\$3) near4 group\$3) and (@ad< "20040227" or @rlad< "20040227") and (latency near4 neighbor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:18
S18	40	(discover\$3) and ((form\$3 or join\$3) near4 group\$3) and (@ad< "20040227" or @rlad< "20040227") and (latency and neighbor\$3) and (pre\$determin\$3 near4 criteria) and domain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:19
S19	155	(discover\$3) and ((form\$3 or join\$3) near4 group\$3) and (@ad< "20040227" or @rlad< "20040227") and (latency and neighbor\$3) and (pre\$determin\$3 near4 distance) and domain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:20

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S20	0	(discover\$3 near5 neighbor\$3) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (latency and neighbor\$3) and (pre\$determin\$3 near4 distance) and domain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:21
S21	24	(discover\$3 near5 wireless) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and domain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:21
S22	0	(discover\$3 near5 (neighbor\$3 or wireless)) and (smallest near4 (form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:28
S23	3	(discover\$3 near5 (neighbor\$3 or wireless)) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (smallest near4 group)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:28
S24	3	(discover\$3 near5 (neighbor\$3 or wireless)) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (smallest near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:30
S25	53	(discover\$3 near5 (neighbor\$3 or wireless)) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (least near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:31
S26	269	(discover\$3 near5 (group\$3)) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (least near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:34
S27	54	(discover\$3 near5 (group\$3)) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (least near4 member) and latency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:35
S28	50	(discover\$3 near5 (group\$3)) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (least near4 member) and latency and neighbor\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/07 13:35
S29	1	"20050193099"	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/12 14:46
S30	2	"20020184310"	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/12 23:57

## EAST Search History (Prior Art)

S31	149	(discover\$3 near5 (group\$3)) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (smallest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 00:54
S32	4	(discover\$3 near5 (group\$3)) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (smallest near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 00:55
S33	0	(discover\$3) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 smallest near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 00:56
S34	146	(discover\$3) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 smallest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 00:57
S35	3	(discover\$3) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 smallest near4 group)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 00:57
S36	2	(discover\$3 near4 group) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 smallest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 00:57
S37	1742	(discover\$3 near4 group) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 group)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:00
S38	234	(discover\$3 near4 group) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and ((least or smallest) near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:01
S39	39	(discover\$3 near4 group) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 (least or smallest) near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:01
S40	1	(discover\$3 near4 group) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (join\$3 near4 (least or smallest) near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:04

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S41	6	(discover\$3 near4 group) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (join\$3 near4 (least or smallest) near4 group)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:05
S42	2	(discover\$3 near4 domain) and ((form\$3 or join\$3) near4 group\$3) and (@ad<"20040227" or @rlad<"20040227") and (join\$3 near4 (least or smallest) near4 domain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:07
S43	2	(discover\$3 near4 domain) and ((form\$3 or join\$3) near4 domain) and (@ad<"20040227" or @rlad<"20040227") and (join\$3 near4 (least or smallest) near4 domain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:08
S44	29	(discover\$3 near4 domain) and ((form\$3 or join\$3) near4 domain) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 (least or smallest) near4 domain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:08
S45	3	(discover\$3 near4 domain) and ((form\$3 or join\$3) near4 domain) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 (least or smallest) near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:10
S46	22	(discover\$3 near4 domain) and ((join\$3) near4 domain) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 (least or smallest))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:10
S47	9	(discover\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 (least or smallest))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:11
S48	1	(discover\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (smallest near4 (group or domain))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:32
S49	0	(discover\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (smallest near4 (size))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:36
S50	0	(discover\$3 near4 domain) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (smallest near4 (size))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:36

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S51	22	(discover\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (peer near4 group near4 (size))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:37
S52	0	(discover\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (member near4 (size))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:39
S53	13	(discover\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 criteria)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:39
S54	0	(discover\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (size near4 criteria)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:40
S55	7	(discover\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (pre\$determin\$3 near4 criteria)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:41
S56	0	(discover\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and peer\$cast\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:43
S57	1	(@ad<"20040227" or @rlad<"20040227") and peer\$cast\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:43
S58	0	(discover\$3 near4 neighbor) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (total near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:45
S59	48	(discover\$3 near4 neighbor) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:45
S60	5	(discover\$3 near4 neighbor) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (size near4 limit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:45

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S61	1	(discover\$3 near4 neighbor) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (size near4 minimum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:46
S62	25	(discover\$3 near4 group) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (size near4 minimum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:46
S63	53	(discover\$3 near4 group) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (size near4 peer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:49
S64	21	(discover\$3 near4 group) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (smaller near4 group) and (larger near4 group)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 01:59
S65	1	(discover\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (smaller near4 group) and (larger near4 group)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 02:01
S66	0	(discover\$3 near4 peer) and ((form\$3 or join\$3) near5 small near4 group) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 02:01
S67	0	(quey\$3\$3 near4 peer) and ((form\$3 or join\$3) near5 small near4 group) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:26
S68	1	(query\$3 near4 peer) and ((form\$3 or join\$3) near5 small near4 group) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:26
S69	3	(query\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (size near4 criteria)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:27
S70	28	(query\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (size near4 group)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:37

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S71	58	(query\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (size near4 total)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:39
S72	105	(query\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (number near4 (device or peer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:41
S73	21	(query\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (number near4 (device or peer)) and threshold and exceed\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:42
S74	17	(query\$3 near4 (group or peer)) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (how adj3 many near4 (device or peer)) and threshold and exceed\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:44
S75	0	(query\$3 near4 (group or peer)) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and numerousity and latency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:47
S76	0	((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and numerousity and latency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:47
S77	0	(@ad<"20040227" or @rlad<"20040227") and numerousity and latency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:47
S78	7	(query\$3 near4 (group or peer)) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (size near4 threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:51
S79	16	(query\$3 near4 (group or peer)) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (size near4 cluster\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:54
S80	16	(discover\$3 near4 (group or peer)) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (size near4 cluster\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:54



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S81	19	(query\$3 near4 latency) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:58
S82	1803	(query\$3 or discover\$3) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and latency and response and domain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 09:59
S83	113	(query\$3 or discover\$3) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and latency and response and (domain near4 size)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:00
S84	0	(query\$3 or discover\$3) and ((form\$3 or join\$3) near4 group near4 criteria) and (@ad<"20040227" or @rlad<"20040227") and latency and response and (domain near4 size)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:00
S85	103	(query\$3 or discover\$3) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and latency and response and (domain near4 size) and criteria	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:00
S86	0	((peer or group) near4 (query\$3 or discover\$3)) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and latency and response and (domain near4 size)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:01
S87	1	((peer or group) near4 (query\$3 or discover\$3)) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and latency and respons	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:01
S88	191	((peer or group) near4 (query\$3 or discover\$3)) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and latency and response	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:01
S89	12	((peer or group) near4 (query\$3 or discover\$3)) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (latency near5 response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:01
S90	2	(discover\$3 near4 peer) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (smaller near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:11

## EAST Search History (Prior Art)

S91	34	(discover\$3) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (smallest near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:12
S92	102	(discover\$3) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (exceed\$3 near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:18
S93	26	(discover\$3) and ((form\$3 or join\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227") and (exceed\$3 near4 member) and latency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:19
S94	8	((discover\$3 or query\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (size near4 member) and latency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:20
S95	5017	((discover\$3 or query\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:23
S96	470	((discover\$3 or query\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 criteria)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:23
S97	135	((discover\$3 or query\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 criteria) and (size near4 (group or domain or cluster\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:24
S98	13	((discover\$3 or query\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 criteria) and (size near4 (group or domain or cluster\$3)) and latency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:24
S99	3	((discover\$3 or query\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 member near4 size)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:27

## EAST Search History (Prior Art)

S10 0	666	((discover\$3 or query\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (size near4 (group or domain or cluster\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:27
S10 1	3	((discover\$3 or query\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (size near4 (group or domain or cluster\$3)) and (select\$3 near4 smallest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/13 10:28
S10 2	0	"0040139231"	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 13:47
S10 3	1	"20040139231"	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 13:47
S10 4	2	"20030004937"	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 13:51
S10 5	496	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 criteria)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:22
S10 6	51	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 criteria) and distance and latency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:23
S10 7	35	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (criteria near4 (distance))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:28
S10 8	1	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (criteria near4 (latency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:30
S10 9	153	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (criteria and latency and distance and select\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:30

## EAST Search History (Prior Art)

S11 0	0	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (criteria and latency and distance and select\$3) and crowd	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:31
S11 1	11	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (criteria and latency and distance and select\$3) and (total near4 (node or device))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:31
S11 2	12	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (criteria and latency and nearness and select\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:34
S11 3	13	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (latency and near\$ness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:36
S11 4	69	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (latency) and (least near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:37
S11 5	0	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (latency) and (smallest near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:42
S11 6	5	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (latency) and (smallest near4 node)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:42
S11 7	36	((discover\$3 or query\$3 or enumerat\$3) near4 (latency)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:46

## EAST Search History (Prior Art)

S11 8	22	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (latency near4 response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:49
S11 9	0	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (latency and neighbor\$3 and (minim\$5 near4 member))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:50
S12 0	154	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (latency and neighbor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:50
S12 1	54	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (latency and neighbor\$3) and ((least or small\$3 or minim\$5) near4 member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:51
S12 2	496	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 criteria)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:52
S12 3	62	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 criteria) and (length near4 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:52
S12 4	61	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and (select\$3 near4 criteria) and (near\$by or close\$by)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:58
S12 5	21	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and ((node or device) near4 (near\$by or close\$by))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 15:59

## EAST Search History (Prior Art)

S12 6	4	((discover\$3 or query\$3 or enumerat\$3) near4 (group or domain or cluster\$3)) and ((form\$3 or join\$3) near4 (group or domain or cluster\$3)) and (@ad<"20040227" or @rlad<"20040227") and ((proximity) near4 (near\$by or close\$by))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 16:12
S12 7	1	"6587691".PN.	USPAT; USOCR	OR	ON	2008/04/24 16:14
S12 8	1	"6549768".PN.	USPAT; USOCR	OR	ON	2008/04/24 16:14
S12 9	1	"6519463".PN.	USPAT; USOCR	OR	ON	2008/04/24 16:14
S13 0	1	"6377793".PN.	USPAT; USOCR	OR	ON	2008/04/24 16:14
S13 1	1	"5946626".PN.	USPAT; USOCR	OR	ON	2008/04/24 16:14
S13 2	1	"5926765".PN.	USPAT; USOCR	OR	ON	2008/04/24 16:14
S13 3	1	"5548726".PN.	USPAT; USOCR	OR	ON	2008/04/24 16:14
S13 4	15	"6968179"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/04/24 16:15
S13 5	4	((("7152118") or ("6636499") or ("6671695") or ("7219141")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/24 16:17
S13 6	8	(disappear\$3 near4 ink\$3) and (instant near4 messag\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/24 16:45
S13 7	2	"20020184310"	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/04/25 14:07
S13 8	1	"20040243672"	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/04/25 14:16
S13 9	1	"7302256"	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/04/25 14:40
S14 0	1	"20050193099"	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/04/25 15:45

## EAST Search History (Prior Art)

S14 1	11	(neighbor\$\$cast\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/10/31 23:45
S14 2	326	(neighbor\$3 near4 group\$3) and (join and leav\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/10/31 23:48
S14 3	16	(neighbor\$3 near4 group\$3) and (creat\$3 near4 group) and (join\$3 near4 different)	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/10/31 23:50
S14 4	88	(neighbor\$3 near4 group\$3) and (creat\$3 near4 group) and (group near4 size) and (join\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/10/31 23:52
S14 5	73	(neighbor\$3 near4 group\$3) and (creat\$3 near4 group) and (group near4 size) and (join\$3) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/10/31 23:52
S14 6	5	(neighbor\$3 near4 group\$3) and (creat\$3 near4 group) and (group near4 size) and (join\$3) and (@ad<"20040227" or @rlad<"20040227") and query\$3 and respon\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/10/31 23:53
S14 7	2	(neighbor\$3 near4 group\$3) and (creat\$3 near4 group) and (group near4 size) and (join\$3) and (@ad<"20040227" or @rlad<"20040227") and time\$out	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/10/31 23:55
S14 8	2	"7194002"	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/10/31 23:59
S14 9	1	"20030115321".PN.	US-PGPUB	OR	ON	2008/11/01 00:00
S15 0	1	"20030107990".PN.	US-PGPUB	OR	ON	2008/11/01 00:00
S15 1	1	"20030048780".PN.	US-PGPUB	OR	ON	2008/11/01 00:00
S15 2	1	"20020143998".PN.	US-PGPUB	OR	ON	2008/11/01 00:00
S15 3	1	"20020141343".PN.	US-PGPUB	OR	ON	2008/11/01 00:00
S15 4	1	"20020085719".PN.	US-PGPUB	OR	ON	2008/11/01 00:01
S15 5	1	"20020055999".PN.	US-PGPUB	OR	ON	2008/11/01 00:01
S15 6	1	"20010021176".PN.	US-PGPUB	OR	ON	2008/11/01 00:01

## EAST Search History (Prior Art)

S15 7	1	"6839752".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:01
S15 8	1	"6785237".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:02
S15 9	1	"6754181".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:02
S16 0	1	"6744734".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:02
S16 1	1	"6584110".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:02
S16 2	1	"6545979".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:02
S16 3	1	"6532237".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:03
S16 4	1	"6507863".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:03
S16 5	1	"6507863".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:03
S16 6	1	"6385201".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:03
S16 7	1	"6003030".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:03
S16 8	1	"5987376".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:03
S16 9	1	"5878032".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:03
S17 0	12	(neighbor\$3 near4 group\$3) and (manag\$5 near4 group) and (group near4 size) and (join\$3) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:05
S17 1	10	(neighbor\$3 near4 group\$3) and (manag\$5 near4 member\$5) and (group near4 size) and (join\$3) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:08
S17 2	0	(neighbor\$3 near4 group\$3) and (select\$3 near4 member\$5) and (group near4 size) and (re\$assign\$5) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:15
S17 3	11	(neighbor\$3 near4 group\$3) and (group near4 size) and (re\$assign\$5) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:16
S17 4	0	(neighbor\$3 near4 group\$3) and (re\$assign\$5 near4 member\$5) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:17



## EAST Search History (Prior Art)

S17 5	5	(neighbor\$3 near4 group\$3) and (re\$assign\$5 near4 node) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:18
S17 6	19	(neighbor\$3 near4 group\$3) and (group near4 size) and (mov\$3 near4 member\$5) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:19
S17 7	105	(neighbor\$3 near4 group\$3) and (group near4 size) and (mov\$3) and join\$3 and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:20
S17 8	87	(neighbor\$3 near4 group\$3) and (group near4 size) and (exceed\$3 near4 threshold) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:22
S17 9	45	(neighbor\$3 near4 group\$3) and (group near4 size) and (exceed\$3 near4 threshold) and (remov\$3 and add\$3) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:22
S18 0	16	(neighbor\$3 near4 group\$3) and (group near4 size) and (group near4 management) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:24
S18 1	0	(neighbor\$3 near4 group\$3) and (group near4 size) and (query\$3 near4 member\$5) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:29
S18 2	15	(neighbor\$3 near4 group\$3) and (query\$3 near4 member\$5) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:29
S18 3	7	(neighbor\$3 near4 group\$3) and (search\$3 near4 member\$5) and (form\$3 near4 group) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:31
S18 4	9	(neighbor\$3 near4 group\$3) and (search\$3 near4 member\$5) and (siz\$3 near4 group) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:33
S18 5	1	(neighbor\$3 near4 group\$3) and (transmit\$4 near4 query\$3) and (siz\$3 near4 group) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:35
S18 6	2	((("6519248") or ("20040076824")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/01 00:38
S18 7	2	((("6519248") or ("20040076824")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/01 00:38

## EAST Search History (Prior Art)

S18 8	4	(neighbor\$3 near4 group\$3) and (transmit\$4 near4 query\$3) and ((creat\$3 or form\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:39
S18 9	88	(neighbor\$3 near4 cast\$3) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:41
S19 0	1	(neighbor\$3 near4 cast\$3 near4 group\$3) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:42
S19 1	41	(neighbor\$3 near4 cast\$3) and group\$3 and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:42
S19 2	1770	(neighbor\$3 near4 group\$3) and (size) and ((creat\$3 or form\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:44
S19 3	13	(neighbor\$3 near4 group\$3) and (size near4 (creat\$3 or form\$3) near4 group) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:44
S19 4	1	"7116661"	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:45
S19 5	1	"20040078624".PN.	US-PGPUB	OR	ON	2008/11/01 00:45
S19 6	1	"20030179742".PN.	US-PGPUB	OR	ON	2008/11/01 00:45
S19 7	1	"20030120809".PN.	US-PGPUB	OR	ON	2008/11/01 00:46
S19 8	1	"20030058871".PN.	US-PGPUB	OR	ON	2008/11/01 00:46
S19 9	1	"20030058871".PN.	US-PGPUB	OR	ON	2008/11/01 00:46
S20 0	1	"20020062388".PN.	US-PGPUB	OR	ON	2008/11/01 00:46
S20 1	1	"20020009073".PN.	US-PGPUB	OR	ON	2008/11/01 00:46
S20 2	1	"7031288".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:46
S20 3	1	"7006437".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:50
S20 4	1	"6845091".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:50

## EAST Search History (Prior Art)

S20 5	1	"6822951".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:50
S20 6	1	"6519248".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:50
S20 7	1	"6263360".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:51
S20 8	1	"5657317".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:51
S20 9	1	"5181200".PN.	USPAT; USOCR	OR	ON	2008/11/01 00:51
S21 0	7	(neighbor\$3 near4 group\$3) and (re\$assign\$3 near4 group) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:52
S21 1	518	(neighbor\$3 near4 group\$3) and (chang\$3 near4 group) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:53
S21 2	142	(neighbor\$3 near4 group\$3) and (group near4 size) and (chang\$3 near4 group) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:53
S21 3	0	(neighbor\$3 near4 group\$3) and (group near4 size) and (transmit\$4 near4 query\$3) and (chang\$3 near4 group) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:53
S21 4	3	(neighbor\$3 near4 group\$3) and (group near4 size) and query\$3 and respon\$4 and (chang\$3 near4 group) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:54
S21 5	69	(neighbor\$3 near4 group\$3) and (group near4 size) and management and (chang\$3 near4 group) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:54
S21 6	54	(neighbor\$3 near4 group\$3) and (group near4 size) and management and (chang\$3 near4 group) and (@ad< "20040227" or @rlad< "20040227") and join\$3 and (mov\$3 or remov\$3 or leav\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2008/11/01 00:55
S21 7	1	(neighbor\$3 near4 group\$3) and (query\$3 near4 member\$5) and (@ad< "20040227" or @rlad< "20040227") and latency	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 08:32
S21 8	3	(neighbor\$3 near4 group\$3) and ((remov\$3 or delet\$3) near4 member) and latency and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 08:34

## EAST Search History (Prior Art)

S21 9	5	(neighbor\$3 near4 group\$3) and ((remov\$3 or delet\$3 mov\$3) near4 member) and query\$3 and respon\$3 and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 08:38
S22 0	0	(neighbor\$3 near4 group\$3) and ((modif\$6 near4 member) and (query\$3 near4 (latency or time\$\$out)) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 08:43
S22 1	0	(neighbor\$3 near4 group\$3) and ((modif\$6 near4 member) and (alive and (latency or time\$\$out)) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 08:44
S22 2	5	(neighbor\$3 near4 group\$3) and ((modif\$6 near4 member) and ((latency or time\$\$out)) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 08:44
S22 3	18	(neighbor\$3 near4 group\$3) and ((modif\$6 or add\$3 or delet\$3 or remov\$3) near4 member) and ((latency or time\$\$out)) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 08:45
S22 4	4	(neighbor\$3 near4 group\$3) and (over\$lay near4 network) and ((latency or time\$\$out)) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:21
S22 5	132	(neighbor\$3 near4 group\$3) and a\$ware and ((latency or time\$\$out)) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:22
S22 6	0	(neighbor\$3 near4 group\$3) and (distance near4 a\$ware) and ((latency or time\$\$out)) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:23
S22 7	31	(neighbor\$3 near4 group\$3) and ((modif\$6 or add\$3 or delet\$3 or remov\$3) near4 member) and topology and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:23
S22 8	6	(neighbor\$3 near4 group\$3) and ((mov\$3) near4 member) and (latency or rtt) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:28
S22 9	3	(neighbor\$3 near4 group\$3) and ((remov\$3) near4 member) and (latency or rtt) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:28
S23 0	0	(neighbor\$3 near4 group\$3) and (criteria near4 (latency or rtt)) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:31

## EAST Search History (Prior Art)

S23 1	1	(neighbor\$3 near4 group\$3) and (member near4 (latency or rtt)) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:31
S23 2	0	(neighbor\$3 near4 group\$3) and (aware near4 (latency or rtt)) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:38
S23 3	1	("20050193099").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/03 09:39
S23 4	0	(neighbor\$3 near4 group\$3) and (driven near4 (latency or rtt)) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:39
S23 5	0	(neighbor\$3) and(member\$4 near4 group\$3) and (driven near4 (latency or rtt)) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:40
S23 6	1	(neighbor\$3) and(member\$4 and group\$3) and (driven near4 (latency or rtt)) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:40
S23 7	31	(neighbor\$3) and(member\$4 and group\$3) and (member\$4 near4 (latency or rtt)) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:43
S23 8	301	(neighbor\$3 near4 group\$3) and (mov\$3 near4 group) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 09:47
S23 9	1	("7302256").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/03 10:26
S24 0	88	(neighbor\$3 near4 cast\$3) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 12:54
S24 1	0	(neighbor\$3 near4 cast\$3) and latency and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 12:54
S24 2	5	(neighbor\$3 near4 cast\$3) and ((delet\$3 or add\$3 or modif\$6 or mov\$3) near4 member) and (@ad< "20040227" or @rlad< "20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 12:54
S24 3	0	("200800582657").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/03 13:04

### EAST Search History (Prior Art)

S24 4	1	("20080082657").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/03 13:04
S24 5	3	(neighborcast\$3) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 13:07
S24 6	3	(neighbor\$\$cast\$3) and (@ad<"20040227" or @rlad<"20040227")	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	ON	2009/01/03 13:07
S24 7	0	(2002/0184310).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/03 14:52
S24 8	1	("20020184310").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/03 14:52

### EAST Search History (Interference)

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